Special Application Three Phase, Open Drip Proof (ODP) UL®† Listed for Fire Pump Applications

R, D, FD, FR

APPLICATIONS:

For fire pump applications per NFPA®† 20 where contaminants are minimal.

FEATURES:

- Class F Insulation, Class B Rise At Service Factor
- Rolled Steel Frame 250-320, Cast Iron Frame 360-440
- Aluminum End Shields 250, Cast Iron End Shields 280-440
- Premasked Mylar Nameplate 250-320, Stainless Steel 360-440 Frame
- 40°C Ambient, NEMA®† Design B Performance On 60 Hertz Sine Wave Power
- Regreasable Bearings 180 Frame & Larger
- Double Shielded Bearings 250-400, Open On 440 Frame
- Lifting Provisions 210 Frame & Larger
- Suitable For Wye-Delta Start 250 Frame & Larger
- Dual Voltage Ratings Suitable For Part Winding Start (PWS) On Low Voltage
- 230/460 & 575 Volt Ratings Comply With NRCan Standards
- 230/460V Ratings Dual Plated For 190/380V 50 Hertz, Next Lower Horsepower
- Oversized Connection Diagram

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
20	3600	200/400	254T	FF20E1X	$1,724	DS-3FFP	1.15	22.6	150	90.2	54/26.9	
	3600	208-230/460	254T	FF20E1A	$1,724	DS-3FFP	1.15	22.6	162	90.2	54-47/23.6	
	1800	200/400	256T	FF20E2X	$1,934	DS-3FFP	1.15	23.2	160	91.0	58/29.1	17
	1800	208-230/460	256T	FF20E2A	$1,934	DS-3FFP	1.15	23.2	160	91.0	54-50/24.9	
25	3600	200/400	256T	FF25E1X	$2,252	DS-3FFP	1.15	23.2	160	91.0	67/33	
	3600	208-230/460	256T	FF25E1A	$2,252	DS-3FFP	1.15	23.2	172	91.0	66-58/29	
	1800	200/400	284TS	FF25E2XS	$2,341	DS-3FFP	1.15	23.5	300	91.7	70/35	
	1800	208-230/460	284TS	FF25E2AS	$2,341	DS-3FFP	1.15	23.5	300	92.4	66-60/30	
	1800	575	284TS	FF25E2GS	$2,341	DS-3FFP	1.15	23.5	312	91.7	24.4	38
30	3600	200/400	284TS	FF30E1XS	$2,654	DS-3FFP	1.15	23.5	300	92.4	78/39	
	3600	208-230/460	284TS	FF30E1AS	$2,654	DS-3FFP	1.15	23.5	312	91.0	80-70/35	
	1800	200/400	286TS	FF30E2XS	$2,780	DS-3FFP	1.15	23.5	350	93.6	79/40	
	1800	208-230/460	286TS	FF30E2AS	$2,780	DS-3FFP	1.15	23.5	337	92.4	78-71/35	
40	3600	200/400	286TS	FF40E1XS	$2,902	DS-3FFP	1.15	23.5	350	91.7	106/53	
	3600	230/460	286TS	FF40E1ES	$2,902	DS-3FFP	1.15	23.5	325	93.0	90/45	
	3600	575	286TS	FF40E1GS	$2,902	DS-3FFP	1.15	23.5	325	93.0	36	38
	1800	200/400	324TS	FF40E2XS	$3,225	DS-3FFP	1.15	25.8	385	93.6	105/53	02
	1800	208-230/460	324TS	FF40E2AS	$3,225	DS-3FFP	1.15	25.8	416	93.6	102-91/46	
	1800	575	324TS	FF40E2GS	$3,225	DS-3FFP	1.15	25.8	416	93.0	37	38
50	3600	200/400	324TS	FF50E1XS	$3,448	DS-3FFP	1.15	25.8	385	93.0	134/67	02
	3600	208-230/460	324TS	FF50E1AS	$3,448	DS-3FFP	1.15	25.8	416	92.4	129-116/58	
	3600	575	324TS	FF50E1GS	$3,448	DS-3FFP	1.15	25.8	416	92.4	46	38
	1800	200/400	326TS	FF50E2XS	$3,779	DS-3FFP	1.15	25.8	415	93.6	131/65	02
	1800	208-230/460	326TS	FF50E2AS	$3,779	DS-3FFP	1.15	25.8	446	93.6	128-114/57	
	1800	575	326TS	FF50E2GS	$3,779	DS-3FFP	1.15	25.8	446	93.0	46	38
60	3600	200/400	326TS	FF60E1XS	$4,752	DS-3FFP	1.15	25.8	415	93.0	156/78	02
	3600	230/460	326TS	FF60E1BS	$4,752	DS-3FFP	1.15	25.8	447	93.0	155-136/68	
	3600	575	326TS	FF60E1GS	$4,752	DS-3FFP	1.15	25.8	446	93.0	54	38
	1800	200/400	364TS	FF60E2XS	$5,197	DS-3FFP	1.15	26.6	580	94.1	159/80	
	1800	230/460	364TS	FF60E2ES	$4,752	DS-3FFP	1.15	26.5	480	93.6	143/72	
	1800	575	364TS	FF60E2GS	$5,197	DS-3FFP	1.15	26.6	580	94.1	55	38
75	3600	200/400	364TS	FF75E1XS	$6,255	DS-3FFP	1.15	26.6	580	93.0	200/100	
	3600	230/460	364TS	FF75E1ES	$6,255	DS-3FFP	1.15	26.6	611	94.1	171/85	
	3600	575	364TS	FF75E1GS	$6,255	DS-3FFP	1.15	26.6	580	94.1	68	38
	1800	200/400	365TS	FF75E2XS	$6,154	DS-3FFP	1.15	27.6	600	94.1	199/99	
	1800	230/460	365TS	FF75E2ES	$6,154	DS-3FFP	1.15	28.5	500	94.1	178/89	
	1800	575	365TS	FF75E2GS	$6,154	DS-3FFP	1.15	27.6	600	95.0	70	38

Note 02 Suitable for Wye-Delta start on voltages shown
Note 17 Twelve leads for across-the-line or wye-delta start on either voltage, part winding start on lower voltage
Note 38 Q-6 Leads for across-the-line or wye-delta start

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(continued)

R, D, FD, FR

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
100	3600	200/400	365TS	FF100E1XS	$7,255	DS-3FFP	1.15	28.0	600	93.0	260/130	
	3600	230/460	365TS	FF100E1ES	$7,255	DS-3FFP	1.15	28.5	480	93.0	228/114	
	3600	575	365TS	FF100E1GS	$7,255	DS-3FFP	1.15	28.0	631	94.1	89	38
	1800	200/400	404TS	FF100E2XS	$7,333	DS-3FFP	1.15	29.5	750	94.5	261/130	47
	1800	230/460	404TS	FF100E2BS	$7,333	DS-3FFP	1.15	29.5	885	94.5	226/113	47
	1800	575	404TS	FF100E2GS	$7,333	DS-3FFP	1.15	29.5	750	95.0	90	38
125	3600	460	404TS	FF125E1CS	$9,717	DS-3FFP	1.15	29.5	815	94.1	137	47
	3600	575	404TS	FF125E1GS	$9,717	DS-3FFP	1.15	29.5	750	94.1	110	38
	1800	460	405TS	FF125E2CS	$9,758	DS-3FFP	1.15	31.1	813	95.0	140	47
	1800	575	405TS	FF125E2GS	$9,758	DS-3FFP	1.15	31.1	813	95.0	112	38
150	3600	460	405TS	FF150E1CS	$11,990	DS-3FFP	1.15	31.0	763	93.6	165	47
	3600	575	405TS	FF150E1GS	$11,990	DS-3FFP	1.15	31.0	813	93.6	132	38
	1800	460/380	444TS	FF150E2FS	$12,757	DS-3FFP	1.15	36.1	1100	95.0	171	47
	1800	575	444TS	FF150E2GS	$12,757	DS-3FFP	1.15	36.1	1100	95.0	136	38
200	3600	460/380	444TS	FF200E1FS	$15,532	DS-3FFP	1.15	36.1	1100	94.5	225	47
	3600	575	444TS	FF200E1GS	$15,532	DS-3FFP	1.15	36.1	1100	94.5	180	38
	1800	460/380	445TS	FF200E2FS	$15,945	DS-3FFP	1.15	36.1	1200	95.0	230	47
	1800	575	445TS	FF200E2GS	$15,945	DS-3FFP	1.15	36.1	1200	95.0	189	38
250	3600	460	445TS	FF250E1FS	$20,473	DS-3FFP	1.15	36.1	1200	94.5	276	38
	1800	460/380	445TS	FF250E2FFS	$18,025	DS-3FFP	1.15	36.1	1200	95.4	281	47
	1800	575	445TS	FF250E2GFS	$18,025	DS-3FFP	1.15	36.1	1200	95.4	225	47
300	3600	460/380	445TS	FF300E1FFS	$28,306	DS-3FFP	1.15	36.1	1200	95.0	326	47

Note 38 Q-6 Leads for across-the-line or wye-delta start
Note 47 Q-12 leads for across-the-line, wye-delta or part winding start